**Station One: Fingerprints A**

Directions

1. Rub a small dark area with a pencil point on a blank index card. This will be your “ink pad.”
2. Each group member should write their name on the top of a separate index card.
3. Press your right index finger onto the “ink pad.” Roll it and rub it back and forth so it gets completely covered.
4. Place the sticky side of a piece of tape onto the dusted finger.
5. Affix that piece of tape onto your blank index card.
6. Use the guide and a hand lens to answer the question on your activity sheet.

**Station Two: Fingerprints B**

Directions

1. Using a brush, coat the side of the glass with cocoa powder.
2. You should be able to see fingerprints. Place the sticky side of a piece of tape onto the dusted fingerprint. Lift the tape and place it on a blank index card.
3. Use the guide and a hand lens to answer the question on your activity sheet.

**Station Three: Teeth Impressions**

Directions

1. Take two pieces of Styrofoam and stack them together.
2. Place the two pieces into your mouth and bite down firmly.
3. Label the pieces “Top” and “Bottom.”
4. Answer the first question on your activity sheet.
5. Examine the four suspects’ teeth impressions. (They are marked A, B, C, D)
6. Decide which one matches the sample collected at the crime scene. Write it on your activity sheet.

**Station Four: Footprint Analysis**

Directions

1. Place a piece of foil on the ground and make a shoe print impression by stepping onto it.
2. Answer the first two questions on your activity sheet.
3. Examine the suspect’s shoe print.
4. Answer the third question on the activity sheet.

**Station Five: Powder Analysis**

Directions

1. Study the four powders on the table. Use the handheld lenses. Pick a little bit up and touch each one. Smell each one.
2. Place a drop of water on each one. Watch what happens.
3. Place a drop of vinegar on each one. Watch what happens.
4. Now examine the mystery powder collected at the crime scene.
5. Answer the questions on your activity sheet.

**Station Six: Fiber Analysis**

Directions

1. Examine each of the labeled fibers with a handheld lens and/or microscope.
2. Answer the questions on your activity sheet.

**Station Seven: Ink Analysis**

Directions

1. Use the blank paper and the handheld lenses to determine which pen wrote the note.
2. Answer the questions on your activity sheet.